# Rec'd PCT/PTO 16 NOV 2005 10/520882

Attorney's Docket: 900145.403USPC

PTO/SB/01A (08-03).
Approved for use through 10/31/2002. OMB 0651-0032.
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE.

U.S. Patent and Trademurk Office; U.S. DEPARTMENT OF COMMERCE.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Trac of The	ention	Transgenic plants used as a l	pioreactor syste	m	
As the below named inventor(s), I/we declare that: This declaration is directed to:					
					The attached application, or
Application No. <u>PCT/AU2003/000903</u> , filed on <u>11 July 2003</u> ,					
as amended on (if applicable):					
I/we believe that I/we am/are the original and first inventor(s) of the subject matter whis claimed and for which a patent is sought;					
I/we have including t	reviewed he claims	d and understand the con , as amended by any amend	tents of the Iment specific	above-identific	ed applicat o above;
including available b	for conti	he duty to disclose to the L vn to me/us to be material inuation-in-part application the filing date of the pricate of the continuation.	o patentabilit	y as defined in information v	37 CFR 1.
	- Lang u	ate of the continuation-in-p	art application	n.	
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Attorney's Docket: 900145.403USPC

J	Inventor four:	Lars Arved PETRASOVITS	Citizen of:	Australia AU
_	Signature:	Las. Brug Tetrasons &	Date:	03/02/05
ا (مو	Inventor four:	Lars Keld NIELSEN	Citizen of:	Denmark DK
<i>x</i> .	Signature:	LK. Pin x	Date:	02/02/2005
.J	Inventor four:	Richard Bruce MCQUALTER	Citizen of:	Australia AU
<b>ا</b>	Signature:	Rmi qualte x	Date:	10/03/2005

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FRES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/81 (06-03)

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## **ELECTION AND POWER OF** ATTORNEY and **CORRESPONDENCE ADDRESS** INDICATION FORM

Application Number	
Filing Date	
First Named Inventor	Stevens Michael BRUMBLEY
Title	Transgenic plants used as a bioreactor system
Art Unit	
Examiner Name	
Attorney Docket Number	900145,403USPC

<del></del>				7002 15 1 1020	
I hereby ap	ppoint:			<u>,                                    </u>	·
X Prac	ctitioners at Seed IP Law Group PLLC	, Custon	ner Number: 00	500	
OR					
[] Practit	tioner(s) named below:				
_			===		-
	Name		Registration N	lumber	
<u> </u>					
. [					]
	ttorney(s) or agent(s) to prosecute the applicat Trademark Office connected therewith.	ion identifi	ed above, and to trai	nsact all business	in the United States
Please reco	gnize or change the correspondence address f	or the abov	e-identified applicati	ion to:	
▼ The above	e-mentioned Customer Number.				
OR					
The addre	ess associated with Customer Number:				
[] Firm		•			
Address					
Address					
City		State		ZIP	
Country					
Telephone		Fax			
I am the:			•		-
Applicar	nt/Inventor.				
_ •	see of record of the $50\%$ interest. See 37 CFR				•
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).					
As assignee of record of the 50% interest I/we hereby elect, under 37 CFR 3.71, to prosecute the application to the exclusion of the inventor(s).					
	SIGNATURE of Applicant or Assignee of F	Record (if a	ssignee, put name, title a	nd company name in "	Name" space below)
Name	The University of Queensland				
Signature	Conglas torter				
Date	16/2/05				
	atures of all the invehtors or assignees of re ple forms if more than one signature is requi			their representat	ive(s) are required.
	1 form is submitted.	reu, see D	GIOW .		

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. 470073\_1.DOC

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PTO/SB/81 (06-03)

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	Application Number			
<b>ELECTION AND POWER OF</b>	Filing Date			
ATTORNEY and	First Named Inventor	Stevens Michael BRUMBLEY		
CORRESPONDENCE ADDRESS	Title	Transgenic plants used as a bioreactor system		
INDICATION FORM	Art Unit			
INDICATION FORW	Examiner Name			
	Attorney Docket Number	900145.403USPC		

			torney bock	ket Number   3	00143.40303	10
I hereby a	appoint:					
X Pra	actitioner	rs at Seed IP Law Group Pl	LLC, Custo	mer Number: <b>0</b> (	0500	
OR						
[] Prac	titioner(s) r	named below:				
		Name		Registration N	Number	]
						]
	L			<del></del>		]
as my/our a Patent and	attorney(s) Trademar	) or agent(s) to prosecute the applick Office connected therewith.	lication identifi	ied above, and to tra-	insact all business	in the United States
Please reco	ognize or c	change the correspondence addre	ess for the abc	we-identified applicat	tion to:	
The above	ve-mention	ned Customer Number.	55 /6. 2.5 22 2	ve-identified applicati	ion to.	
OR						
The addre	ess associa	iated with Customer Number:				
[] Firm	m <i>or</i> ual Name					·
Address	<del></del>					
Address						
City			State		ZIP	
Country					<u> </u>	
Telephone			Fax			
I am the:		·	<del></del>	<del></del>	<del></del>	
	nt/Inventor.					
X Assigne	ee of record	rd of the 50% interest. See 37 CI	FR 3.71.			
Statem	nent under	r 37 CFR 3.73(b) is enclosed. (For	rm PTO/SB/96	i).		
X As ass	signee of re on of the in	record of the 50% interest I/we	hereby elect,	under 37 CFR 3.71	ι, to prosecute thε	application to the
Name		URE of Applicant or Assignee of	of Record (if as	signee, put name, title and	d company name in "N	ame" space below)
Signature	Roan	of Sugar Experiment Stations				
Date	-/1					
		3 / 95	* of the			
		all the inventors or assignees of if more than one signature is rec	record or the auired, see br	entire interest or trelow*.	heir representativ	e(s) are required.
*Total of 1	form is s	ubmitted	<del></del>			

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. 470073\_1.DOC

16 NOV 2005 10/520882

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STATEMENT UNDER 37 CFR 3.73(b)
Applicant/Patent Owner: Stevens Michael Brumbley, Matthew Peter Purnell, Barrie Fong Chong, Lars Arved Petrasovits, Lars Keld Nielsen, and Richard Bruce McQualter
Application No./Patent No.: Filed/Issue Date:
Entitled: Transgenic plants used as a bioreactor system
The University of Queensland , a university  (Name of Assignee) (Type of Assignee, e.g., corporation, partnership.
states that it is:  university, government agency, etc.)
1.  the assignee of the entire right, title, and interest; or
2. In an assignee of less than the entire right, title and interest.  The extent (by percentage) of its ownership interest is 50 %
in the patent application/patent identified above by virtue of either:
A. X An assignment from the inventor(s) of the patent application/patent identified above.  The assignment was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.  OR
B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:
1. From: To:
The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.
2. From: To:
The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.
3. From: To:
The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.
Additional documents in the chain of title are listed on a supplemental sheet.
Copies of assignments or other documents in the chain of title noted in B above are attached.
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.  THE UNIVERSITY OF QUEENSLAND
Douglas Porter Typed or printed name
(206) 622-4900 Telephone Number  Gignature
Secretary and Registrar
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application Confidentiality is governed by 35 U.S. C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Complete this 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

US

Attorney's Docket: 900145.403USPC ASSIGNMENT

WHEREAS, I/WE

Stevens Michael BRUMBLEY, an Australian citizen of 3 Carlie Court, Redbank Plains, Queensland 4301,

Matthew Peter PURNELL, an Australian citizen of 25 Barmore Street, Tarragindi, Queensland 4121, Australia; Barrie Fong CHONG, an Australian citizen of 10 Emmett Street, Wynnum West, Queensland 4178, Australia; Lars Arved PETRASOVITS, an Australian citizen 224 Lower Hardgrave Road, West End, Queensland 4101,

Lars Keld NIELSEN, a Danish citizen of The University of Queensland, Building 69, Room 723, Brisbane,

Richard Bruce MCQUALTER, an Australian citizen of 9 Alonga Court, Kallangur, Queensland 4503, Australia

the specification of which	h: ·
(a) [ ]	was executed on even date herewith; was filed on
(c) [x]	as [ ] Application No or or [ ] Express Mail No., as Application No. not yet known and was amended on was described and claimed in PCT International Application PCT/AU2003/000903
	and as amended under PCT Article 19 on (if any)
AND WHEREAS,	GAR EXPERIMENT STATIONS, of PO Box 86, Meiers Road, Indooroopilly,

THE UNIVERSITY OF QUEENSLAND, of St Lucia, Queensland 4072, Australia

(hereinafter referred to as Assignee) desires to acquire the entire rights, title, and interest in and to the said improvements with respect to the

NOW, THEREFOR, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby acknowledges that it has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in the United States of America, and its territories and possessions in, to and under said improvements, and any Patent Applications in the United States of America and all divisions, renewals and continuations thereof, and all Patents of the United States of America which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions; and Assignor hereby authorizes and requests the Commissioner of Patents of the United States of America to issue all Patents for said improvements to Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors, legal representatives and assigns, any facts known to it respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful paths and generally do everything possible to aid Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in the United States of America.

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature.

Signature of Stevens Michael BRUMBLEY

Attorney's Docket: 900745.403USPC This \_\_\_\_\_ day of February, 2005 Signature of Matthew Peter PURNELL Signature of **Barrie Fong CHONG** Signature of This 2 day of February 2006 Signature of Lars Keld NIELSEN Richard Bruce MCQUALTER Signature of

AtO /05/2 90048 203 EXPRESS MAIL NO.

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STATEMENT UNDER 37 CFR 3.73(b)
Applicant/Patent Owner: Stevens Michael Brumbley, Matthew Peter Purnell, Barrie Fong Chong, La Arved Petrasovits, Lars Keld Nielsen, and Richard Bruce McQualter
Application No./Patent No.: Filed/Issue Date:
Entitled: Transgenic plants used as a bioreactor system
Bureau of Sugar Experiment Stations a company
(Name of Assignee)  (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
1. the assignee of the entire right, title, and interest; or
2. An assignee of less than the entire right, title and interest.  The extent (by percentage) of its ownership interest is 50 %
in the patent application/patent identified above by virtue of either:
A. X An assignment from the inventor(s) of the patent application/patent identified above The assignment was recorded in the United States Patent and Trademark Office a Reel, Frame, or for which a copy thereof is attached.  OR
B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:
1. From: To:
The document was recorded in the United States Patent and Trademark Office a Reel, Frame, or for which a copy thereof is attached.
2. From: To:
The document was recorded in the United States Patent and Trademark Office a Reel, Frame, or for which a copy thereof is attached.
3. From: To:
The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.
Additional documents in the chain of title are listed on a supplemental sheet.
Copies of assignments or other documents in the chain of title noted in B above are attached.
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.  BUREAU OF SUGAR EXPERIMENT STATIONS  ROSS FORREST GILDOUG
Date Typed or printed name
(206) 622-4900
Signature  RAD MANAGER
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete to complete to complete to complete to complete to 2450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Attorney's Docket: 900145.403USPC **ASSIGNMENT** 

WHEREAS, I/WE

Stevens Michael BRUMBLEY, an Australian citizen of 3 Carlie Court, Redbank Plains, Queensland 4301,

Matthew Peter PURNELL, an Australian citizen of 25 Barmore Street, Tarragindi, Queensland 4121, Australia; Barrie Fong CHONG, an Australian citizen of 10 Emmett Street, Wynnum West, Queensland 4178, Australia; Lars Arved PETRASOVITS, an Australian citizen 224 Lower Hardgrave Road, West End, Queensland 4101,

Lars Keld NIELSEN, a Danish citizen of The University of Queensland, Building 69, Room 723, Brisbane,

Richard Bruce MCQUALTER, an Australian citizen of 9 Alonga Court, Kallangur, Queensland 4503, Australia

hereinafter referred to as Assignor (collectively if more than one inventor is listed above), have invented certain new and useful

improvements in the specification of	Transgenic plants used as a bioreactor system
	willett.
(a) [ ]	was executed on even date herewith;
(p) [ ]	was filed onas [ ] Application No or
(c) [x]	was described and claimed in PCT International Application PCT/AU2003/000903
	and/or under PCT Article 34 on 23 September 2004 (if any). (if any)
AND WHEREAS,	·
BUREAU OF Queensland 40	SUGAR EXPERIMENT STATIONS, of PO Box 86, Meiers Road, Indooroopilly.

Queensland 4068, Australia; and

THE UNIVERSITY OF QUEENSLAND, of St Lucia, Queensland 4072, Australia

(hereinafter referred to as Assignee) desires to acquire the entire rights, title, and interest in and to the said improvements with respect to the

NOW, THEREFOR, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby acknowledges that it has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in the United States of America, and its territories and possessions in, to and under said improvements, and any Patent Applications in the United States of America and all divisions, renewals and continuations thereof, and all Patents of the United States of America which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions; and Assignor hereby authorizes and requests the Commissioner of Patents of the United States of America to issue all Patents for said improvements to Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors, legal representatives and assigns, any facts known to it respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in the United States of America.

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature.

Signature of Stevens Michael BRUMBLEY

Attorney's Docket: 900745.403USPC 2 day of February, 2005 Signature of Matthew Peter PURNELL Signature of **Barrie Fong CHONG** This 2 day of February 2006 Signature of Lars Keld NIELSEN Rmc Qualte Signature of Richard Bruce MCQUALTER